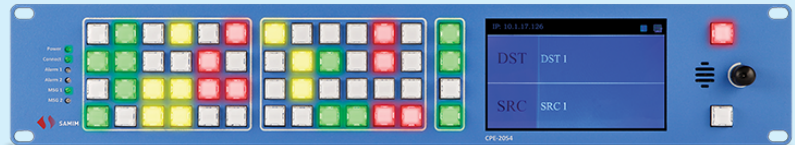


CPE-2054

2RU Router Control Panel with Display and 54 Buttons

[2024 Datasheet](#)



The CPE-2054 is a configurable control panel compatible with most of Samim audio and video routers. Featuring 54 RGB illuminated pushbuttons alongside a 5-inch display, this control panel offers flexible functionality.

Each button is fully customizable, allowing for configuration of various functions such as selection of source, destination, and category, salvo action, or control operations, with the flexibility to assign desired colors. The CPE-2054 operates solely based on its programmable settings, ensuring adaptability to diverse operational requirements.

Operating in three distinct modes, namely button per source (BPS), category, and dual page, this panel caters to different workflow needs. In BPS mode, each button corresponds to a specific source or destination. To accommodate a large number of sources and destinations, two additional modes are available. The dual page mode enables each button to represent both a source and a destination, contingent upon the active page. Alternatively, the category mode allows users to organize sources and destinations into distinct categories, accessed via dedicated buttons functioning as a numeric keypad.

Regardless of the mode chosen, operators have the capability to execute predefined route configurations known as salvo actions. Configuration adjustments and management tasks are facilitated through a user-friendly web-based interface. This interface supports label assignment for sources and destinations, as well as the creation and restoration of backups, enhancing operational efficiency.

Key Features

- 2RU rack-mountable case with shallow depth
- 54 RGB illuminated push buttons
- Buttons feature removable cap for label insertion
- Each key can be individually configured to function as a source, destination, salvo trigger, or control function with desired color
- Control functions include: Take, Undo, Panel lock, Destination lock, Cancel
- Compatible with Samim routers via TCP/IP connection

- Easy configuration through web-based user interface
- Three modes of operation: button per source (BPS), category, and dual page
- Create backups and restore configurations via Web UI
- Name assignment capability per source and destination
- Display shows labels of selected source and destination

Rear View



Specifications

Operational		Mechanical	
Buttons	54 illuminated push buttons with removable caps	Dimensions	19",1RU Standard Frame, Depth 110 mm
Display	5-inch TFT	Environmental	
Network	1x Ethernet 10/100, RJ45	Temperature	5 °C to 45 °C
Electrical		Humidity	0% to 90% (non-condensing)
Voltage	90-240 VAC, 50-60Hz		
Power	<5W		

System Requirements

Type	Product	Description
Router	SDE-3206	1RU 32x6 3G/HD/SD-SDI/ASI Router
	SDE-4800	3RU 48x48 3G/HD/SD-SDI/ASI Router/Multiviewer

Ordering Information

Order Code	Description	Type
CPE-2054	2RU Router Control Panel with Display and 54 Buttons	Base

With over two decades of extensive experience in the broadcast and media industry, Samim Group has emerged as a rapidly growing manufacturer and developer of professional-grade hardware and software solutions that cater to Broadcast Production Infrastructure, Intercom Systems, and Media Business Automation. We remain attuned to the latest technological advancements, ensuring we deliver high-standard solutions and products that can be marketed globally.

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